

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:
applying a forward error correction code to a group of data packets to create a
coded group of packets by supplementing a set of parity packets to the
group of data packets;
transmitting the data packets, and transmitting a set of corresponding parity
packets after the data packets have been sent;
sending an acknowledgment in response to one or more of
a number of correctly received data packets equals a total number of data
packets, and
the number of correctly received packets equals the total number of data
packets multiplied by a predetermined constant;
in response to receiving ~~an~~ the acknowledgement, ceasing to send additional
parity packets; and
in response to not receiving the acknowledgment, continuing to transmit the parity
packets.
2. (Original) The method of claim 1, wherein the data packets include multi-media
data packets, and the transmitting includes transmitting over a wireless network.
3. (Original) The method of claim 2, wherein transmitting the multi-media data
packets includes multi-media streaming over an Internet Protocol (IP) network.

4. (Original) The method of claim 3, wherein the multi-media streaming includes streaming via IEEE 802.11 standard over a wireless network.
5. (Original) The method of claim 4, wherein the multi-media streaming includes suppressing physical layer acknowledgements via multicasting IP addresses.
6. (Currently Amended) The method of claim 1, wherein the sending of the acknowledgment in response to the number of correctly received data packets equaling the total number of data packets is performed via ~~applying a forward error correction code includes applying a Reed-Solomon (RS) code to the data~~ packets.
7. (Currently Amended) The method of claim 1, wherein the sending of the acknowledgment in response to the number of correctly received packets equaling the total number of data packets multiplied by the predetermined constant is performed via ~~the applying a forward error correction code includes applying a~~ Tornado code ~~to the data packets~~.
8. (Original) The method of claim 1, wherein transmitting the group of packets includes interleaving and transmitting a second and separate group of data packets.
9. (Original) The method of claim 1, wherein the receiver sends multiple acknowledgement signals for a group of packets.

10. (Original) The method of claim 1, further includes manipulating the number of parity packets in response to data included in the acknowledgement.
11. (Currently Amended) A machine-readable ~~storage media tangibly~~
~~embodying~~ medium having stored thereon data representing a sequence ~~sets~~ of
instructions which, executable by processor to perform a method comprising ~~when~~
executed by a machine, cause the machine to:
~~applying~~ apply a forward error correction code to a group of data packets to create
a coded group of packets by supplementing a set of parity packets to the
group of data packets;
~~transmitting~~ transmit the data packets, and transmitting a set of corresponding
parity packets after the data packets have been sent;
send an acknowledgment in response to one or more of
a number of correctly received data packets equals a total number of data
packets, and
the number of correctly received packets equals the total number of data
packets multiplied by a predetermined constant;
in response to receiving ~~an~~ the acknowledgement, ~~ceasing~~ cease to send additional
parity packets; and
in response to not receiving the acknowledgment, ~~continuing~~ continue to transmit
the parity packets.

12. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, wherein the data packets include multi-media data packets, and the transmitting includes transmitting over a wireless network.
13. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 12, wherein transmitting the multi-media data packets includes multi-media streaming over an Internet Protocol (IP) network.
14. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 13, wherein the multi-media streaming includes streaming via IEEE 802.11 standard over a wireless network.
15. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 14, wherein the multi-media streaming includes suppressing physical layer acknowledgements via multicasting IP addresses.
16. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, wherein the sending of the acknowledgment in response to the number of correctly received data packets equaling the total number of data packets is performed via ~~applying a forward error correction code includes applying a Reed-Solomon (RS) code to the data packets.~~

17. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, wherein the sending of the acknowledgment in response to the number of correctly received packets equaling the total number of data packets multiplied by the predetermined constant is performed via~~applying a forward error correction code includes applying a Tornado code to the data packets.~~
18. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, wherein transmitting the group of packets includes interleaving and transmitting a second and separate group of data packets.
19. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, wherein the receiver sends multiple acknowledgement signals for a group of packets.
20. (Currently Amended) The machine-readable ~~storage-medium~~medium of claim 11, further includes manipulating the number of parity packets in response to data included in the acknowledgement.
21. (Currently Amended) A system comprising:
~~An~~an encoder to apply a forward error correction code to a group of data packets
to create a coded group of packets by supplementing a set of parity
packets to the group of data packets;
~~A~~a transmitter to
transmit the data packets to a receiver over a network, ~~and~~

transmit a set of corresponding parity packets, and

send an acknowledgment in response to one or more of

a number of correctly received data packets equals a total number

of data packets, and

the number of correctly received packets equals the total number of

data packets multiplied by a predetermined constant; and

~~A~~ a receiver to receive ~~a~~ the positive acknowledgement signal, wherein in

response to receiving the acknowledgement, the transmitter ceases to send

additional parity packets, and in response to not receiving the

acknowledgment, continuing to transmit the parity packets.

22. (Original) The system of claim 21, wherein the transmitter streams multi-media data packets over an Internet Protocol (IP) network.

23. (Original) The system of claim 22, wherein the transmitter streams multi-media data packets via an IEEE 802.11 standard over a wireless network.

24. (Original) The system of claim 22, wherein the transmitter suppresses physical layer acknowledgements via multicasting IP addresses.

25. (Currently Amended) The system of claim 21, wherein the sending of the acknowledgment in response to the number of correctly received data packets equaling the total number of data packets is performed via ~~encoder applies a Reed-Solomon code (RS) to the data packets.~~

26. (Currently Amended) The system of claim 21, wherein the sending of the acknowledgment in response to the number of correctly received packets equaling the total number of data packets multiplied by the predetermined constant is performed via encoder ~~applies a Tornado code to the data packets~~
27. (Original) The system of claim 21, wherein the transmitter interleaves a second and separate group of data packets with the group of data packets.